

2012 Medication Withdrawal Times

Prepared for the Indiana Horse Racing Commission

These are suggested withdrawal times for urine, unless otherwise stated.

| Medication | Recommended Withdrawal Time | Medication | Recommended Withdrawal Time |
|-----------------------------|-------------------------------|--|-----------------------------|
| Acebutolol | 96 hours | Isoxsuprine | 7 days |
| Acepromazine | 5 days | Ketamine | 120 hours |
| Albuterol | 96 hours | Ketoprofen | 72 hours |
| Aminocaproic Acid | 72 hours | Ketorolac | 96 hours |
| Atropine | 96 hours | Lidocaine | 7 days |
| Beclomethasone | 48 hours | Medetomidine | 96 hours |
| Benzocaine | 72 hours | Mepivacaine | 7 days |
| Betamethasone | 48 hours | Methocarbamol | 5 days |
| Boldenone* | 45 days | Methylprednisolone | 10 days |
| Bupivacaine | 7 days | Nandrolone* | 45 days |
| Butorphanol | 96 hours | Omeprazole | 24 hours |
| Cimetidine | 24 hours | Pentazocine | 96 hours |
| Clenbuterol (low oral dose) | TB/SB- 5 days QH – 30 Days | Pentoxifylline | 96 hours |
| Cromolyn | 48 hours | Phenytoin | 7 days |
| DMSO | 24 hours- topical | Polyethylene Glycol | 24 hours |
| Dantrolene | 72 hours | Prednisolone | 48 hours |
| Detomidine | 96 hours | Prednisone | 48 hours |
| Dexamethasone | 48 hours | Procaine HCl | 72 hours |
| Diazepam | 7 days | Procaine Penicillin See notes below. | 7 –30 days |
| Diclofenac | 7 days | Promazine | 120 hours |
| Dipyron | 5 days | Propantheline | 48 hours |
| Dyphylline | 120 hours | Propionylpromazine | 96 hours |
| Ergoloid Mesylate | 48 hours | Propranolol | 96 hours |
| Ergonovine | 96 hours | Pyrimamine | 20 days |
| Fenoterol | 48 hours | Ranitidine | 24 hours |
| Fenspiride | 96 hours | Reserpine | 2 months |
| Firocoxib | 7 days | Salmeterol | 96 hours |
| Flunixin (blood) | 48 hours | Stanozolol* | 45 days |
| Flunixin (urine) | 96 hours | Terbutaline | 96 hours |
| Fluphenazine | 30 day minimum | Testosterone* | 45 days |
| Furosemide | 48 hours | Theophylline | 120 hours |
| Glycopyrrolate | 96 hours | Triamcinolone | 96 hours |
| Guaifenesin | 96 hours | Triamcinolone Acetonide | 13 days |
| Guanabenz | 48 hours | Trichlormethiazide | 72 hours |
| Hydroxyzine | 5 days | Triflupromazine | 96 hours |
| Ipratropium | 48 hours | Tripelennamine | 72 hours |
| Isoflupredone | 72 hours | Xylazine | 96 hours |

❖ **NOTE: Animals receiving long term treatment with anabolic steroids may need 3-5 months withdrawal time to clear the animal.**

- **Regulations regarding the administration of Phenylbutazone, Flunixin and Ketoprofen can be found at 71 IAC 8-1-4.1 (Standardbred) and 71 IAC 8.5-1-4.1 (Thoroughbred and Quarter Horse).**
- **Reliance on these guidelines is no guarantee of compliance with Indiana Horse Racing Commission (IHRC) medication rules.**

A compilation of drug withdrawal times is now available on the Racing Medication and Testing Consortium (RMTC) website and is the main source of information for recent additions to this list. The RMTC site should be consulted for additional information on dosage of drugs and for other drugs: <http://www.rmtcnet.com>

However, it should be noted that minimal or recommended single doses were utilized in many of the studies referenced in preparation of guidelines. The information available is typically from an administration to a single horse or just a few horses; your horse may differ. Repeated or long-term administrations of a drug can greatly extend the withdrawal time. Some studies show significantly different withdrawal times between horses and differences when other drugs such as Salix® are being used. It should also be noted that Truesdail Laboratories, the official testing laboratory for the Indiana Horse Racing Commission (IHRC), periodically adopts or produces new methods for increased sensitivity. Trainers, owners, and veterinarians should periodically check with the IHRC, and the RMTC website to assure compliance with current medication rules and withdrawal guidelines.

Concerning procaine penicillin, it may be best to send a sample of your horse's urine to Truesdail Laboratories to see if it is clear before entering the horse. The cost is \$60; results in 48 hours from receipt of sample. Send check, money order, or credit card information with sample. Contact Truesdail Laboratories at (714) 730-6239 for more information **about procaine pre-race testing.**